

64.3% Ni, 31.4% Cu, 1.48% V, 1.22 % Fe and 1.22 % Mn.
 They are pref. used as a layer on a **heat**-resistant metal
 substrate which is expanded into a mesh. Removal of nitrogen
oxides is at 540-705 **degrees** C under reducing
 conditions. The catalysts are suitable as the first of two stages for
 purifcn. of **exhaust gases** from vehicles. Presence of
 (B) reduces the **temperature** at which the NO is removed efficiently
 without formation of **ammonia** which is oxidised back to NO in the
 second stage.

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(FILE 'HOME' ENTERED AT 09:39:51 ON 29 AUG 2007)
 SET COST OFF

FILE 'WPIX' ENTERED AT 09:40:02 ON 29 AUG 2007

L1 1 S US20050123463/PN OR US2003-729454#/AP, PRN
 E CZERNIAK/AU
 L2 6 S E8, E11
 E CZERNIAK/PA
 L3 2 S E10
 E SEELEY/AU
 L4 261 S E3, E7-E9
 E SEELEY/PA
 L5 11 S E4, E6
 E BOC/PA
 L6 2011 S E4-E6, E13-E21, E25, E27, E30, E32-E35
 L7 139 S E3-E38 NOT L6
 L8 654 S B01D053-58/IPC, IC, ICM, ICS
 L9 91439 S B01D053/IPC, IC, ICM, ICS
 L10 27521 S (J01-E02 OR J01-E02D)/MC
 L11 83518 S J01-E?/MC
 L12 190 S L04-X03/MC
 L13 6815 S X22-A07/MC
 L14 1356 S N07-L01C/MC
 L15 162490 S (EXHAUST? OR WAST?) (S) GAS
 L16 20120 S (EXHAUST? OR WAST?) (S) (?VAPOR? OR ?VAPOUR?)
 L17 225654 S ?AMMONI?
 E AMMONIA/CN
 L18 3 S E3-E5
 L19 22174 S (R23500 OR R17910 OR R01713)/DCN OR 1713/DRN
 L20 443 S J01-E02G/MC
 L21 6422 S E32-A/MC
 L22 4503 S D04-B07C/MC
 L23 17947 S E32-A?/MC
 L24 249184 S L8-L16
 L25 14845 S L24 AND L17, L19-L23
 L26 4906 S L24 AND (NH3 OR NH4)
 L27 16294 S L25, L26
 L28 38 S L27 AND (?METALORGAN? OR ?METALLORGAN? OR ?METAL? ?ORGAN?)
 L29 136 S L27 AND (GR OR GROUP) (S) III
 L30 187 S L27 AND (GR OR GROUP) (S) III#
 L31 61 S L27 AND (GA OR GALIUM OR GALLIUM OR INDIUM OR ALUMIN?) (S) (TRI
 L32 6 S L27 AND ?METAL? ?ALKYL?
 L33 1 S L27 AND TMG
 E TRIMETHYL GAL/CN
 E TRIMETHYLGAL/CN
 L34 1 S E4
 L35 1 S E11

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E TRIMETHYLALL/CN
L36      1 S E6
L37      3 S L34-L36
L38     1428 S (R17498 OR R08997 OR R00352)/DCN OR 0352/DRN
L39      8 S L27 AND L38
L40     290 S L28-L33,L39
L41     88 S L40 AND J04-E?/MC
L42      3 S L40 AND (N02-C OR N02-C01)/MC
L43     51 S L40 AND (NI OR ?NICKEL?)
L44     122 S L41-L43
L45     18 S L44 AND DEGREE
L46     39 S L44 AND (N513 OR N514 OR N515)/M0,M1,M2,M3,M4,M5,M6
L47     51 S L45,L46
L48     315 S L27 AND (GR OR GROUP) (S) (3 OR 3A OR 3B)
L49     542 S L40,L48
L50     165 S L49 AND J04-E?/MC
L51      8 S L49 AND (N02-C OR N02-C01)/MC
L52     97 S L49 AND (NI OR ?NICKEL?)
L53     224 S L44,L50-L52
L54     39 S L53 AND DEGREE
L55     70 S L53 AND (N513 OR N514 OR N515)/M0,M1,M2,M3,M4,M5,M6
L56     97 S L54,L55
L57     532 S L1-L7 AND L8-L16
L58     57 S L57 AND L27
L59      4 S L58 AND L49
L60     53 S L58 NOT L59
L61      8 S L60 AND HYDROGEN/TI NOT SULFIDE/TI
        SEL AN 2 3 L61
L62      2 S L61 AND E1-E2
        SEL AN 2 4 L59
L63      2 S L59 NOT E3-E4
L64     42 S L44 AND ?DEGREE?
L65     110 S L47,L56,L64
L66     94 S L65 AND (PY<=2003 OR PRY<=2003 OR AY<=2003)
L67     16 S L65 NOT L66
L68     98 S L62,L63,L66
L69     25 S L44 AND DEG
L70     13 S L69 NOT L68
L71     13 S L70 AND (PY<=2003 OR PRY<=2003 OR AY<=2003)
        SEL AN 2 5 8 9
L72      4 S L71 AND E5-E8
L73     102 S L68,L72
L74     195 S L53 AND (PY<=2003 OR PRY<=2003 OR AY<=2003)
L75     96 S L74 NOT L73
        SEL AN L75 1 5 8 11 16 17 24 30 35 36 40 47 49 50 52 69 70 72 7
L76     26 S L75 AND E9-E34
L77     128 S L73,L76 AND L1-L76
L78     128 S L77 AND (EXHAUST? OR WAST? OR GAS? OR ?VAPOR? OR ?VAPOUR? OR
L79     120 S L78 AND (TEMP? OR HEAT? OR COOL? OR COLD? OR DEG OR ?DEGREE?
L80     114 S L78 AND ?OXIDE?
L81     115 S L78 AND (?METALORGAN? OR ?METALLORGAN? OR ?METAL? ?ORGAN? OR
L82     26 S L78 AND (GA OR GALIUM OR GALLIUM OR IN OR INDIUM OR AL OR ALU
L83     10 S L78 AND ?METAL? (S) ?ALKYL?
L84      0 S L78 AND TMG
L85     128 S L77-L84
L86     89 S L85 AND B01D/IPC,IC,ICM,ICS
L87     52 S L85 AND L10
L88      1 S L85 AND L12
L89      2 S L85 AND L13
L90     93 S L86-L89

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L91 35 S L85 NOT L90
L92 3 S L91 AND (EXHAUST OR WASTE)/TI
L93 96 S L90,L92
L94 83 S L93 AND (?THERM? OR ?HEAT? OR ?TEMP? OR DEG OR DEGREE?)
L95 34 S L93 AND (N513 OR N514 OR N515)/M0,M1,M2,M3,M4,M5,M6
L96 10 S L93 NOT L94,L95
L97 96 S L93-L96

FILE 'WPIX' ENTERED AT 10:55:21 ON 29 AUG 2007

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